

SEQUENCE LISTING

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Layer, Richard T.
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Cognetix, Inc.

<120> Uses of Kappa-Conotoxin PVIIA

<130> Kappa-PVIIA

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<150> US 60/219,438
<151> 2000-07-20

<150> US 60/155,135
<151> 1999-09-22

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<170> PatentIn Ver. 2.0

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<222> (1)..(27)
<223> Xaa at residue 2, 7, 18, 19, 22 and 25 may be Arg,
homoarginine, ornithine, Lys, N-methyl-Lys,
N,N-dimethyl-Lys, N,N,N-trimethyl-Lys, any
synthetic basic amino acid, His or halo-His; Xaa at

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<222> (1)..(27)
<223> residue 4 may be Pro or Hyp; Xaa at residue 9 and
23 may be Phe, Tyr, meta-Tyr, ortho-Tyr, nor-Tyr,
mono-halo-Tyr, di-halo-Tyr, O-sulpho-Tyr,
O-phospho-Tyr, nitro-Tyr, Trp (D or L), neo-Trp,

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<222> (1)..(27)
<223> halo-Trp (D or L) or any synthetic aromatic amino
acid; Xaa at residue 11 is His or halo-His

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1 5 10 15

Ser Xaa Xaa Cys Asn Xaa Xaa Asn Xaa Cys Val
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5

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